Midas statistics and Scheherazade statistics

Midas statistics are those developed with the main objective of describing reality with the maximum detail but which do not provide knowledge about what human actions improve reality and which ones worsen it.

Sherezade statistics are those that besides describing reality use predictive variables indicating the human actions that improve reality and the ones which worsen it.

Example: Authors and studies focused on the diagnostic analyses are very motivated by obtaining always a new step in a better description of reality and having resources to do that. In the 2010 European scientific conference Science against poverty, it was said in the conclusion that of course we can always make a more precise diagnosis, but the best diagnosis is the autopsy, and it comes too late. Those current studies are focused on the Midas statistics, the king Midas focused on turning everything into gold, and when he achieved it he saw it was completely useless, he even could not eat and drink; those authors and studies focus on turning any reality into a better diagnosis, and when they achieve it they see it is completely useless, they cannot even improve the results of a single school.

Everything changes when the predictive variable of SEAs is introduced in statistics. In the previous graphics we have seen that the statistics that introduce this variable do clearly point out what needs to be done to improve the educational results of all, including the most vulnerable ones. Instead of Midas statistics, these are Scheherazade statistics; Scheherazade was a highbrow woman, in the Islamic-Arab context that provided the world with great mathematical advancements. A woman who used all her wisdom not to turn everything into gold, but to save the lives of other women; those studies focused on those actions that improve the educational results are very useful for schools, families, teachers willing to improve the lives of students.

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